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Datasheet for ABIN6738478  
**anti-PYGB antibody (AA 180-229)**

1 Image

Overview

Quantity:	100 µL
Target:	PYGB (GPBB)
Binding Specificity:	AA 180-229
Reactivity:	Human, Mouse, Rabbit, Sheep, Cow, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PYGB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa180-229 of human PYGB (P11216, NP_002853). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Elephant, Platypus (100%), Rat, Dog, Bat, Horse, Opossum, Salmon, Zebrafish (92%), Rabbit, Guinea pig, Turkey, Zebra finch, Chicken, Lizard (85%), Sheep, Bovine (84%), Shrew, Xenopus (83%).  Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human PYGB
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse (100%) Rat, Dog, Horse (92%) Rabbit, Chicken, Zebrafish (85%) Sheep, Bovine (84%).

## Product Details

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Purification: Immunoaffinity purified

## Target Details

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Target: PYGB (GPBB)

Alternative Name: GPBB / PYGB ([GPBB Products](#))

Background: Name/Gene ID: PYGB

Synonyms: PYGB, GPBB, Phosphorylase, glycogen, Phosphorylase, glycogen brain, Glycogen phosphorylase B

Gene ID: 5834

NCBI Accession: [NP\\_002853](#)

UniProt: [P11216](#)

Pathways: [Cellular Glucan Metabolic Process](#)

## Application Details

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Application Notes: Approved: WB

Usage: ELISA titer using peptide based assay: 1:62500. Western Blot: Suggested dilution at 1  $\mu$ g/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Distilled Water.

Concentration: Lot specific

Buffer: Lyophilized from PBS with 2 % sucrose

Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: 4 °C, -20 °C

## Handling

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Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)  
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Images

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**Image 1.**